



RECEIVED

MAR 19 2002

TECH CENTER 1600/2900

C2

<110> MEINIEL, ANNIE
MONNERIE, HUBERT
GOBRON, STEPHANIE

<120> NOVEL POLYPEPTIDES AND POLYPEPTIDES USEFUL FOR
REGENERATING THE NERVOUS SYSTEM

<130> 065691/0179

<140> 09/462,909
<141> 2000-02-14

Mark DS
<150> PCT/FR98/01556
<151> 1998-07-16

<150> FR 97/09016
<151> 1997-07-16

<160> 24

<170> PatentIn Ver. 2.1

<210> 1
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (3)..(7)
<223> Any amino acid; this range may encompass 1-5 amino acids

<220>
<221> MOD_RES
<222> (10)..(14)
<223> Any amino acid; this range may encompass 1-5 amino acids

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 1
Trp Ser [Xaa Xaa Xaa Xaa Xaa] Cys Ser Xaa Xaa Xaa Xaa Xaa Cys Gly
1 5 10 15

<210> 2
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

C2

2

<400> 2
Trp Ser Pro Cys Ser Val Thr Cys Gly
1 5

<210> 3
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 3
Trp Ser Ser Cys Ser Val Thr Cys Gly
1 5

<210> 4
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 4
Trp Ser Gln Cys Ser Val Thr Cys Gly
1 5

<210> 5
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (3)..(4)
<223> Gly, Ser or Cys

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 5
Xaa Trp Xaa Xaa
1

C2

3

<210> 6
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (4)
<223> Gly, Ser or Cys

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 6
Xaa Trp Ser Xaa
1

<210> 7
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (3)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (6)
<223> Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (9)..(10)
<223> Arg Ser, Val Ser or Val Thr

<220>
<223> Description of Artificial Sequence: Formula peptide

<400> 7
Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Xaa Cys Gly
1 5 10

<210> 8
<211> 12
<212> PRT
<213> Artificial Sequence

20

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 8
Trp Ser Gly Trp Ser Ser Cys Ser Arg Ser Cys Gly
1 5 10

<210> 9
<211> 22
<212> PRT
<213> Artificial Sequence

<220>
<221> MOD_RES
<222> (1)..(5)
<223> Any amino acid; this range may encompass 0-5 amino acids

<220>
<221> MOD_RES
<222> (8)
<223> Pro, Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (9)
<223> Not present if residue 8 is Pro; this residue is Trp if residue 8 is Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (10)..(11)
<223> Not present if residue 8 is Pro; these residues are selected from Gly, Ser or Cys if residue 8 is Gly, Ser or Cys

<220>
<221> MOD_RES
<222> (14)..(15)
<223> Arg Ser, Val Ser or Val Thr

<220>
<221> MOD_RES
<222> (18)..(22)
<223> Any amino acid; this range may encompass 0-5 amino acids

<220>
<223> Description of Artificial Sequence: Formula peptide

<400> 9
Xaa Xaa Xaa Xaa Xaa Trp Ser Xaa Xaa Xaa Xaa Cys Ser Xaa Xaa Cys
1 5 10 15

Gly Xaa Xaa Xaa Xaa Xaa Xaa
20

<210> 10
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<221> modified_base
<222> (6)
<223> a, t, c or g

<220>
<221> modified_base
<222> (9)
<223> a, t, c or g

<220>
<221> modified_base
<222> (15)
<223> a, t, c or g

<220>
<221> modified_base
<222> (18)
<223> a, t, c or g

<220>
<221> modified_base
<222> (24)
<223> a, t, c or g

<220>
<221> modified_base
<222> (27)
<223> a, t, c or g

<220>
<221> modified_base
<222> (30)
<223> a, t, c or g

<220>
<221> modified_base
<222> (36)
<223> a, t, c or g

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 10
tggwsngnt ggwsnwsntg ywsnmgnwsn tgyggn

C2

6

<210> 11
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 11
Trp Gly Pro Cys Ser Val Ser Cys Gly
1 5

<210> 12
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 12
Asp Cys Lys Asp Gly Ser Asp Glu
1 5

<210> 13
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 13
Arg Lys Ala Arg
1

<210> 14
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 14
Ser Ser Cys Arg Ser Gly Cys Trp Gly Ser Ser Trp
1 5 10

<210> 15
<211> 23

23

<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 15
Trp Ser Pro Trp Ser Glu Trp Thr Ser Cys Ser Thr Ser Cys Gly Asn
1 5 10 15
Gly Ile Gln Gln Arg Gly Arg
20

<210> 16
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 16
Trp Ser His Trp Ser Pro Trp Ser Ser Cys Ser Val Thr Cys Gly Asp
1 5 10 15
Gly Val Ile Thr Arg Ile Arg
20

<210> 17
<211> 23
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 17
Trp Gly Pro Trp Ser Pro Trp Asp Ile Cys Ser Val Thr Cys Gly Gly
1 5 10 15
Gly Val Gln Lys Arg Ser Arg
20

<210> 18
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

C2

<400> 18
 Trp Ser Gln Cys Ser Val Tyr Cys Gly
 1 5

<210> 19
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 19
 Thr Glu Trp Ser Ala Cys Ser Lys Ser Cys Gly Met Gly Phe Ser Thr
 1 5 10 15

Arg Val Thr Asn Arg Asn
 20

<210> 20
 <211> 22
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 20
 Thr Glu Trp Ser Ala Cys Ser Lys Thr Cys Gly Met Gly Ile Ser Thr
 1 5 10 15

Arg Val Thr Asn Asp Asn
 20

<210> 21
 <211> 6
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic peptide

<400> 21
 Cys Ser Val Thr Cys Gly
 1 5

<210> 22
 <211> 4
 <212> PRT
 <213> Artificial Sequence

25

C2

```
<220>
<223> Description of Artificial Sequence: Synthetic
      peptide

<220>
<221> MOD_RES
<222> (2)..(4)
<223> Any amino acid

<400> 22
      Trp Xaa Xaa Trp
      1

<210> 23
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      peptide

<220>
<221> MOD_RES
<222> (1)..(2)
<223> Any basic amino acid

<220>
<221> MOD_RES
<222> (3)
<223> Any amino acid

<220>
<221> MOD_RES
<222> (4)
<223> Any basic amino acid

<400> 23
      Xaa Xaa Xaa Xaa
      1

<210> 24
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
      peptide

<220>
<221> MOD_RES
<222> (3)
<223> Any amino acid
```

C2

<400> 24
Trp Ser Xaa Trp Ser
1 5

10